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|--|--|--------------------------|-----------------------------------|
| <b>Effective on 12/08/2004.</b><br><b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b><br><h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2009</h3> |  | <b>Complete if Known</b> |                                   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27   |  | Application Number       | 10/606,362                        |
|  |  | Filing Date              | June 26, 2003                     |
|  |  | First Named Inventor     | Young-Chul KIM                    |
|  |  | Examiner Name            | M. Le                             |
|  |  | Art Unit                 | 2163                              |
| <b>TOTAL AMOUNT OF PAYMENT</b>   |  | <b>(\$)</b> 180.00       | Attorney Docket No. 1630-0514PUS1 |

|  |  |
|--|--|
| <b>METHOD OF PAYMENT (check all that apply)</b>  |  |
| <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____ |  |
| <input checked="" type="checkbox"/> Deposit Account    Deposit Account Number: <u>02-2448</u> Deposit Account Name: <u>Birch, Stewart, Kolasch &amp; Birch, LLP</u>                            |  |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)   |  |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, <b>except for the filing fee</b>                                     |  |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments             |  |

| <b>FEE CALCULATION</b>  |             |                                     |  |                       |                                      |                       |                |
|---|-------------|-------------------------------------|--|-----------------------|--------------------------------------|-----------------------|----------------|
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |             |                                     |  |                       |                                      |                       |                |
| Application Type  | FILING FEES |                                     | SEARCH FEES  |                       | EXAMINATION FEES                     |                       | Fees Paid (\$) |
|   | Fee (\$)    | Small Entity Fee (\$)               | Fee (\$)   | Small Entity Fee (\$) | Fee (\$)                             | Small Entity Fee (\$) |                |
| Utility   | 330         | 165                                 | 540  | 270                   | 220                                  | 110                   |                |
| Design  | 220         | 110                                 | 100  | 50                    | 140                                  | 70                    |                |
| Plant   | 220         | 110                                 | 330  | 165                   | 170                                  | 85                    |                |
| Reissue   | 330         | 165                                 | 540  | 270                   | 650                                  | 325                   |                |
| Provisional   | 220         | 110                                 | 0  | 0                     | 0                                    | 0                     |                |
| <b>2. EXCESS CLAIM FEES</b>   |             |                                     |  |                       |                                      |                       |                |
| Fee Description   | Fee (\$)    | Small Entity Fee (\$)               |  |                       |                                      |                       |                |
| Each claim over 20 (including Reissues)   | 52          | 26                                  |  |                       |                                      |                       |                |
| Each independent claim over 3 (including Reissues)  | 220         | 110                                 |  |                       |                                      |                       |                |
| Multiple dependent claims   | 390         | 195                                 |  |                       |                                      |                       |                |
| <b>Total Claims</b> - 20 or HP = _____  |             | <b>Extra Claims</b> x _____ = _____ | <b>Fee Paid (\$)</b>   |                       | <b>Multiple Dependent Claims</b>     |                       |                |
|   |             |                                     |  |                       | <b>Fee (\$)</b> <b>Fee Paid (\$)</b> |                       |                |
| <b>Indep. Claims</b> - 3 or HP = _____  |             | <b>Extra Claims</b> x _____ = _____ | <b>Fee Paid (\$)</b>   |                       |                                      |                       |                |
|   |             |                                     |  |                       |                                      |                       |                |
| HP = highest number of total claims paid for, if greater than 20.<br>HP = highest number of independent claims paid for, if greater than 3.   |             |                                     |  |                       |                                      |                       |                |
| <b>3. APPLICATION SIZE FEE</b>  |             |                                     |  |                       |                                      |                       |                |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |             |                                     |  |                       |                                      |                       |                |
| <b>Total Sheets</b> - 100 = _____   |             | <b>Extra Sheets</b> / 50 = _____    | <b>Number of each additional 50 or fraction thereof</b> (round up to a whole number) x _____ = _____ |                       | <b>Fee (\$)</b> <b>Fee Paid (\$)</b> |                       |                |
|   |             |                                     |  |                       |                                      |                       |                |
| <b>4. OTHER FEE(S)</b>  |             |                                     |  |                       |                                      |                       |                |
| Non-English Specification, \$130 fee (no small entity discount)   |             |                                     |  |                       |                                      | <b>Fees Paid (\$)</b> |                |
| Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement   |             |                                     |  |                       |                                      | 180.00                |                |

|                     |                   |                                   |                |
|---------------------|-------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                   |                                   |                |
| Signature           |                   | Registration No. (Attorney/Agent) | 42,325         |
| Name (Print/Type)   | David A. Bilodeau | Telephone                         | (703) 205-8000 |
|                     |                   | Date                              | March 4, 2009  |